Title Number* Proprimers Work (covered under VorA Penning and Control Experiments Work (powered under VorA Penning and Control Experiments Work (power	06(V14)-A. Emrick (EMS Rep) LIFE SCIENCES ENVIRONMENTAL ASPECTS LIST														ONM	ENTA	Environmental As	Environmental Aspects Criteria from Identification of Environmental Aspects Subject Area			
Market M	ACTIVITY DESCRIPTION		/	Regulated Industrial	/ g / :	Mixed Waste	Regulated Medical	Radioactive Medical	Atmospheric 7:	Liquid Discharges	Water Consum	Chemical (C)	or Radioactive Materia. (R)		Ower Consumption ^{2,3}	Historical Contamination	Comments		Core Environmental Aspects		Facility-specific Environmental Aspects
Companies Comp	Title Ni	Number	1									С	R						a) Any amount of regulated industrial waste generation.		a) Any modification to structures that are determined to be "Eligible for listing on the National Register of Historic Places" (BGRR, HFBR, and WWI trenches and foundations).
Expression with the control of the c		saa ESD	C ,	2	2 2	2			h c		× 0	- f			Nano		Nano work (BO)		a) Any amount of hazardous waste generation.		b) Proposed modification to known archaeologically significant area(s) o discovery of archaeologically significant material (lithic scatter, bone, foundations, etc.)
Control Cont	Me	Med-399		a e	a a	a	a	a	b,c			, I			Ivalio		Air monitoring ^(4,) (NESHAPs compliance), secondary containment, D- tank & BLIP target chamber tank,		a) Any amount of radioactive waste generation.	Species And Sensitive Habitats (including Pine	 a) Potential for habitat disturbance, harm, or harassment within 850 feet of a critical habitat (recharge basins, vernal pools, natural and manmade ponds and waterways).
Procession Pro		<u>DLIF</u>	-TPL 8	a a	a a a	а			b,c	а	x	x x	a, b,c, f	r	x	а	Secondary containment ^(5.) - D tanks in Neut. Cell, Article 12 inspections, NESHAPs rad-air emissions, Isotopes are				ŕ
Processor From Parts Common Parts	rations BL	BLAF	á	а	a(DI	IS)	а		х	c 2	Ха	a,b,c,f			а		Non-RCRA developer solutions disposed as industrial	Generation	a) Any process that requires a CERCLA equivalency permit or		c) Activity within ¼ mile of the Peconic River. d)Activity affecting five or more acres of undeveloped land.
Vicusian Pumpe St. 2008-701 A	Me	Med-374		a a	a				x	b	x x	<u> </u>					Non-RCRA developer solutions disposed as industrial		b) Operations or activities that use engineering controls to reduce	Environmental Noise	a) Exceed ordinance levels (7 am -10 pm: 55 dBA; 10 pm - 7 am: 50 dBA [20 min. average]) at property boundary or off-site location.
Substitution Procession P		<u> </u>	VSM a	a a	а				x	Б	X X	x									a) Pre-existing contamination (radiological or nonradiological) causing remedial activities resulting in costs in excess of \$50,000.
State Confidence Distriction of Personal Medical Set and Set of Personal Set of Personal Comprehension Systems (PRI) years in a set of production of Personal Set of Personal	Me			a. a	a. a				x	b.)	x		а	x				Liquid Discharges		Soil Activation	a) Any soil activation.
Support Services (Comprehensive Endogram (Comprehensiv																			State Pollutant Discharge Elimination System (SPDES) Permit	Transuranic Waste (TRU)	a) Generation or potential to generate any radioactive waste stream classified as transuranic (TRU) waste (i.e., contains greater than 100 nanocuries per gram of transuranium isotopes).
Facility Review Issues/ Comprehensive Env. Listelliser(Legacy)/Bildy (PUA) FR Database a a a a a a a a a a a a a a a a a a				a. a	а				b,c x	x o	x a	a, b,c, f	а	x	b	х	intra-site Xfer of HAZMAT, f - spill potential. Soil and		the quantity or concentration of pollutant. d) Existence of underground injection control devices under the	Other	a) Any other compliance requirement specific to an organization or aspect that could impact the environment (e.g., asbestos research, odor b) Any issue identified in the Facility Review Project as (1) "significant finding" or "lesser issue," or (2) BNL risk rank of #1 - 3.
Shop Operations Mechanical Tech Operations SSQ a la la la k k k k k la la la la k k k k	iew Issues/ Comprehensive Env. egacy)/Bldg (FUA)	FR Datab	base a	a. a	a a	а				x						а	Maintain compliance/Transfer/Close all items	Storage or Use of	Underground Injection Control Subject Area. a) Storage or use of chemicals or radioactive materials requiring		
Area. Area. Transportation of chemicals or dispersible radioactive materials that meet the calculation Areas Administrative/Computer Operations NA Administrative	ations/ Mechanical Tech Operations	<u>SSO</u>	- 4	а				2	х	x	х	ĸ						Materials (potential for accidental release or	Hazardous and Nonhazardous Materials Subject Area. b) System configuration requires back-flow prevention in		
Glassware Washing/Autoclave - Biology BO-068-GCO a a a		MWM	=				а	а		х	С	0							Area. () Transportation of chemicals or dispersible radioactive materials that meet the criteria for the Transfer of Hazardous Materials Onsite Subject Area, Transfer of Radioactive Materials Onsite Subject Area, Transportation of Hazardous Materials Offsite		
Stock Room NA NA NA NA NA NA NA NA NA N	Washing/Autoclave - Biology	BO-068-0	GCO a	a a	а		$\frac{1}{1}$		х	b	х			х			Sulfuric acid-ammonium persulfate glass cleaning solution.		d) Storage or use of PCBs as specified in the PCB Management		
10-Day, Rad, Mixed Waste Accumulation Areas NA		N/A N/A									×	ĸ		х	x				radioactive material/contamination.		
Note: If the aspect is not present, leave the cell blank. If the aspect is present but does not meet the significance criteria listed in the exhibit, "Criteria for Significant. Put an "X" in the cell. If the aspect meets one or more of the significance criteria listed in the exhibit, enter the letter designation for the applicable criteria in the cell. b) Continuous (24 hrs/day), permanent (to continuo for the foreseeable future) once-through water use greater than 4 gallons	d, Mixed Waste Accumulation Areas NA	NA Bio-067-	ADO	x x	х	х					х	x	x x				only accumulated	Water Consumption	defined in the Spill Response Subject Area a) Total organizational water consumption greater than 650,000		
	aspect is not present, leave the cell blank. If the aspect i		ent but	t does n	not meet	the sig	ignifican									a nt. Put ar	n "X" in the cell. If the aspect meets one or more of the		foreseeable future) once-through water use greater than 4 gallons		
c) Daily (8 hrs/day), permanent, once-through water use greater than 10 gpm that discharges to the Sanitary Sewer System. 2 Organizational significance criteria 2 Organizational significance criteria 3 Total Organizational Power Consumption 4) Total Organizational Power Consumption Greater than 58 M		nization re	eferenc	ce numb	ber													Power Consumption	than 10 gpm that discharges to the Sanitary Sewer System. d) Continuous use greater than 10 gpm, or daily use greater than		

^{*}Process modifications currently (8/02) being evaluated in order to reduce rad-air emissions to levels <NESHAPs threshold for permitting. Discussions w/ EPA ongoing.

5 Failed floor coating on formerly used F& D tanks (Note: tanks not owned by MO) - potential soil activation due to rain water intrusion.